

Notice of Allowability

Application No.

10/729,345

Examiner

Truc T. T. Nguyen

Applicant(s)

WU, JERRY

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an interview on 11/8/04.
2. ☒ The allowed claim(s) is/are 1 and 6-13.
3. ☒ The drawings filed on 04 December 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 11/11/04.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

TRUC T. NGUYEN
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Wei Te Chung on November 11, 2004.

The application has been amended as follows:

- Please cancel claims 2-5 and 14-17.
- Please amend claims 1 and 9 as follow:

1. A cable assembly adapted for being mounted to a panel, comprising:
an insulative housing defining a mating direction and a longitudinal direction perpendicular to the mating direction and comprising a base and a mating portion extending forwardly from a front face of the base along the mating direction, a pair of mounting ears integrally formed at opposite ends of the base, the insulative housing comprising a bulge and at least one projection respectively located adjacent the front face of the base adapted for engaging with a first face and an opposite second face of the panel, respectively; and
a plurality of contacts received in the insulative housing[.];
wherein the housing comprises a pair of guiding members forwardly extending from the base by two sides of the mating portion, respectively;

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wherein each mounting ear generally aligned with a extends upwardly from an upper face of the base and is corresponding one of the guiding members in a transverse direction perpendicular to both the longitudinal direction and the mating direction;

wherein the at least one projection comprises a pair of projections respectively extending downwardly from the guiding members;

wherein the bulge extends downwardly from the base and is located at a center of the base along the longitudinal direction.

9. An electrical system comprising:

a panel defining a first face, a second face opposite to the first face, a mounting opening extending through the first and the second faces and a pair of mounting apertures located above the opening;

a cable assembly comprising:

an insulative housing comprising a base along a longitudinal direction, a mating portion extending forwardly from the base along a mating direction perpendicular to the longitudinal direction and protruding through the mounting opening of the panel, and a pair of mounting ears located at opposite ends thereof and in alignment with the corresponding mounting apertures, the insulative housing comprising a bulge and a projection respectively engaging with the first and the second faces of the panel adjacent the mounting opening to counterbalance external force exerted on the cable assembly in the mating direction;

a plurality of contacts disposed in the insulative housing; and

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a pair of fastening devices rearwardly extending through the mounting apertures of the panel and the mounting ears of the housing to mount the cable assembly on the panel[.]

wherein the housing comprises a pair of guiding members forwardly extending from the base by two sides of the mating portion, respectively;

wherein each mounting ear generally aligned with a extends upwardly from an upper face of the base and is corresponding one of the guiding members in a transverse direction perpendicular to both the longitudinal direction and the mating direction;

wherein the at least one projection comprises a pair of projections respectively extending downwardly from the guiding members;

wherein the bulge extends downwardly from the base and is located at a center of the base along the longitudinal direction.

2. The following is an examiner's statement of reasons for allowance:

The prior art of record fails to teach a pair of projections respectively extending downwardly from the guiding members and the bulge extends downwardly from the base and is located at a center of the base along the longitudinal direction.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Truc T. T. Nguyen whose telephone number is 571-272-2011.

The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on 571-272-2800 extension 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Truc T. T. Nguyen
Primary Examiner
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